Please type	a plus	sign (+) inside	this	box
-------------	--------	---------	----------	------	-----

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no percent are required to depond to a collection of information unless it displays a valid OMB control number.

Substit	tute for form 1449B/PT	0	& TRADEMA	Compl	ete if Known	宁	
Cubun				Application Number	09/830,894	$\frac{1}{2}$)=
INF	ORMATION D	DISCI	OSURE	Filing Date	April 27, 2001	EN1	ď
STA	ATEMENT BY	APP	LICANT	First Named Inventor	Lu-Kwang JU		Ĭ
				Group Art Unit	1645	<u> </u>	
	(use as many sheets	s as nece	ssary)	Examiner Name	not assigned yet	<u>2</u>	<u> </u>
Sheet	1	1 of		Attorney Docket Number	UA-338	<u>8</u>	

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
M		ATLAS, Ronald M. Handbook of Microbiological Media. Ann Arbor: CRC Press, pp. 290-301 (1993).	
		LATIFI, A., FOGLINO, M., TANAKA, K., WILLIAMS, P., and LAZDUNSKI, A. "A hierarchical quorum-sensing cascade in <i>Pseudomon</i> as aeruginosa links the transcriptional activators LasR and RhIR (VsmR) to expression of the stationary-phase sigma factor RpoS." Molecular Microbiology, vol. 21, no. 6, pp. 1137-1146 (1996).	
		GRAY Kendall M. PEARSON, James P., DOWNIE, J. Allan, BOBOYE, Bolatito E.A., and GREENBERG, E. Peter. "Cell-to-Cell Signaling in the Symbiotic Nitrogen-Fixing Bacterium Rhizobium leguminosarum: Autoinduction of a Stationary Phase and Rhizosphere-Expressed Genes." Journal of Bacteriology, vol. 178, no. 2, pp. 372-376 (Jan. 1996).	
		OCHSNER, Urs A. and REISER, Jakob. "Autoinducer-mediated regulation of rhamnolipid biosurfactant synthesis in <i>Pseudomonas aeruginosa.</i> " Proc. Natl. Acad. Sci. USA, vol. 92, pp. 6424-6428 (July 1995).	
		PEARSON, James P., PESCI, Everett C., and IGLEWSKI, Barbara H. "Roles of <i>Pseudomonas</i> a <i>erugin</i> osa las and <i>rhI</i> Quorum-Sensing Systems in Control of Elastase and Rhamnolipid Biosynthesis Genes." Journal of Bacteriology, vol. 179, no. 18, pp. 5756-5767 (Sept. 1997).	
		VARMA, Amit and PALSSQN, Bernhard O. "Stoichiometirc Flux Balance Models Quantitatively Predict Growth and Metabolic By-Product Secretion in Wild-Type Escherichia coli W3110." Applied and Environmental Microbiology, pp. 3724-3731 (Oct. 1994).	
		YOU, Zhiying, FUKUSHIMA, Jun. TANAKA, Kan, KAWAMOTO, Susumu, and OKUDA, Kenji. "Induction of entry into the stationary growth phase in <i>Pseudomonas aeruginosa</i> by <i>N</i> -acylhomoserine lactone." FEMS Microbiology Letters, vol. 164, pp. 99-106 (1998).	
		·	

Examiner Signature	There	marx	Date Considered	10/15/02	

^{*}EXAMINER: Initial if reference considered, whether or not citation is In conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

^{&#}x27;Unique citation designation number. 'Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, ng

600/29

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

JUL 3 0 2001

1 P

INFORMATION DISCUOSU

Complete if Known Application Number 09/830.894 Filing Date April 27, 2001 First Named Inventor Lu-Kwang JU

AUG 0 Group Art Unit 1645

not assigned yet Examiner Name **UA-338** Attorney Docket Number

(use as many sheets as necessary)

STATEMENT BY APPLIE

2 Sheet of

				U.S. PATENT DOCUMEN	TS	
Examiner Initials*	Cile No.1	U.S. Patent Document Kind Code ² Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,352,882		Maury	10-05-1982	
		4,355,109		Zajic et al.	10-19-1982	·
		4,522,261		McInerney et al.	06-11-1985	
		4,628,030		Kaeppeli et al.	12-09-1986	
		4,756,832		Gold et al.	07-12-1988	
		4,772,334		Hatanaka et al.	09-20-1988	
		4,814,272		Wagner et al.	03-21-1989	
		4,902,512		Ishigami et al.	02-20-1990	
		4,905,761		Bryant	03-06-1990	
<u>.</u>		4,933,281	-	Daniels et al.	06-12-1990	
		5,013,654		Banerjee et al.	05-07-1991	
		5,077,206		Cheetham et al.	12-31-1991	
		5,128,262		Lindoerfer et al.	07-07-1992	
•		5,153,135		Farin et al.	10-06-1992	
		5,240,851		Paridans et al.	08-31-1993	
du .		5,417,879		Hall et al.	05-23-1995	
	-	5,440,028		Buchholz et al.	08-08-1995	
		5,455,232		Piljac et al.	10-03-1995	
		5,466,675		Piljac et al.	11-14-1995	
		5,468,625		Meiwes et al.	11-21-1995	

				FOREIGN	PATENT DOCUMENTS			
	1		Foreign Patent Docu		Name of Board and address of	Date of Publication of	Pages, Columns, Lines,	Τ.
Examiner Initials*	Cite No.'	Office ³	Number ⁴	Kind Code ^s (If known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Refevent Passages or Refevent Figures Appear	
-								
			<u> </u>					T
		 						T
	_		-					Т
							·	T
		 		·	-			
					· · · · · · · · · · · · · · · · · · ·	-		+
							-	+
		ļ						+
		!						Ш.,

Examiner	Date	
	Considered	
Signature	Ochsidered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanesa patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a chack mark here if English language Translation is attached.

□f

STEAT & TRAIT

Sheet

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. DMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF CDMMERCE

Under the	Paperwork Reduction Act of	1995, r	no persons are required to	respond to e collection of information unl	ess it displays a valid DMB	control	number
	for form 1449A/PTO			-	te if Known	\bigcirc	
Substitute	101 101111 1443701 10			Application Number	09/830,894		
ώ NFΩ	RMATION D	ISC	LOSURE	Filing Date	April 27, 2001	5	20
	TEMENT BY			First Named Inventor	Lu-Kwang JU	Ш	0 1
S				Group Art Unit	1645	$\overline{\Box}$	ی
H.C.	(use as many sheets	as nec	cessary)	Examiner Name	not assigned yet	Ŭ.	<u> </u>
Sheet	2	ρf	2	Attorney Docket Number	UA-338	Υ'	

		U.S. Patent D	ocument	U.S. PATENT DOCUMEN	Date of Publication of	Pages, Columns, Lines,
xaminer nitials*	Cite No.1	Number	Kind Code ² (<i>If known</i>)	" Name of Palentee or Applicant of Clied Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
The	-	5,476,573		Hirose et al.	12-19-1995	\
1	<u> </u>	5,501,966		Giani et al.	03-26-1996	
		5,525,493		Hornes et al.	06-11-1996	
	_	5,550,227		Mixich et al.	08-27-1996	
		5,641,659		Meiwes et al.	06-24-1997	
	+ -	5,658,793		Giani et al.	08-19-1997	
		5,733,355		Hibino et al.	03-31-1998	
	+-	5,766,929		Orolin et al.	06-16-1998	
_+	+	5,767,090		Stanghellini et al.	06-16-1998	
	+	5,837,458	_	Minshull et al.	11-17-1998	
	 	5,866,376		Rocha et al.	02-02-1999	
	+-	5,925,544		Jorgensen	07-20-1999	
	 					
					<u></u>	
			-			
				 	 	

			<u> </u>	FOREIGN	PATENT DOCUMENTS			
Examiner Initials*			Foreign Patent Occu	ment	Name of Patentee or Applicant of	Date of Publication of	Pages, Columns, Lines, Where Relevant	١,
	Cite No.1	Office ³	Number	Kind Code ^s (if knawn)	Cited Document	Cited Document	Passages or Relevant Figures Appear	or Relevant
			_					┸
			·					┸
								1
					-		<u> </u>	
								
	_					<u> </u>		
								Т
		-						T
						 		T
						 		十

Examiner	Lune m	 Date Considered	10/11/02	
Signature	*************************************	 Considered		

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the senal number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.